IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

ASSOCIATE POWER OF ATTORNEY

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

The undersigned, being an attorney of record in the below-identified patents and/or applications hereby grants associate power of attorney to the registered practitioner(s) assigned to **Customer No. 38396** and

John J. Bruckner, Reg. No. 35,816,

each an attorney or agent of the law firm of JOHN BRUCKNER PC, to prosecute the below-identified patent(s) and/or application(s) and to transact all business in the Patent and Trademark Office connected therewith and hereby revokes the associate power of attorney (if any) to Customer No. 25094.

| 2500940.991120 | UBAT1120 | 346.0 | 08/873,252 | 11-Jun-97 | 6078392 | 20-Jun-00 |
|----------------|--------------|--------|------------|-----------|---------|-----------|
| 2500940.991240 | UBAT1240 | 629.0 | 09/296,143 | 21-Apr-99 | 6355541 | 12-Mar-02 |
| 2000010.001210 | - ODEN 12-10 | 525.0 | 00/200,170 | 21775.33 | 2000071 | 1910. 02 |
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| 2500940.991250 | UBAT1250 | 665.0 | 60/128,196 | 7-Apr-99 | NA | NA NA |
| 2500040 004160 | LIBAT1160 | 0655.0 | 09/404,009 | 22 Son 00 | 6603818 | 5.Aug.03 |
| 2500940.991160 | UBAT1160 | V655.U | E00,404/E0 | 23-Sep-99 | 0003018 | 5-Aug-03 |
| 2500940.991161 | UBAT1160-1 | 0655.2 | 10/082,568 | 4-Mar-02 | 6606350 | 12-Aug-03 |

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| 2500940.991162 | UBAT1160-2 | 0655.3 | 10/082,773 | 4-Mar-02 | 6625229 | 23-Sep-03 |
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| 2500940.991163 | UBAT1160-3 | 0655.4 | 10/082,569 | 4-Mar-02 | 6621878 | 16-Sep-03 |
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| 2500940.991263 | UBAT1260-3 | 665.8 | 10/260,321 | 30-Sep-02 | | - |
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| 2500940.991200 | UBAT1200 | 0526.0 | 09/396,997 | 15-Sep-99 | 6344365 | 5-Feb-02 |
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| 2500940.991201 | UBAT1200-1 | 526.2 | 09/818,465 | 27-Mar-01 | 6555270 | 29-Apr-03 |
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| 2500940.991202 | UBAT1200-2 | 526.3 | 09/818,490 | 27-Mar-01 | 6562518 | 13-May-03 |
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| 2500940.991100 | UBAT1100 | 663.0 | 09/398,347 | 17-Sep-99 | 6509808 | 21-Jan-03 |
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| 2500940.991101 | UBAT1100-1 | 663.1 | 09/837,891 | 18-Apr-01 | 6579393 | 17-Jun-03 |

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| 2500940.991130 | UBAT1130 | 720.0 | 09/397,153 | 15-Sep-99 | 6455844 | 5-Sep-02 |
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| 2500940.991190 | UBAT1190. | 732.0 | 09/449,844 | 26-Nov-99 | abandon | abandon |
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| 2500940.991191 | UBAT1190-1 | 732.1 | 09/997,600 | 28-Nov-01 | | |
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| 2500940.991270 | UBAT1270 | 303.0 | 09/396,998 | 15-Sep-99 | 6259374 | 10-Jul-01 |
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| 2500940.991180 | UBAT1180 | 725.0 | 09/395,378 | 14-Sep-99 | 6313479 | 6-Nov-01 |
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| 2500940.991181 | UBAT1180-1 | 725.1 | 09/816,698 | 23-Mar-01 | abandon | abandon |
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| 3500040 004000 | | | | | | |
| 2500940.991280 | UBAT1280 | 517.0 | 09/461,566 | 14-Dec-99 | 6436339 | 20-Aug-02 |
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| 2500940.991121 | UBAT1120-1 | 777.0 | 09/477,267 | 4-Jan-00 | 6525821 | 25-Feb-03 |
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| 2500940.991122 | UBAT1120-2 | 777.3 | 10/166,859 | 11-Jun-02 | | |
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| 2500040 004422 | LIDAT4400 C | 777 (0 | 40/474 440 | 0000 | | |
| 2500940.991123 | UBAT1120-3 | 777.10 | 10/421,448 | 23-Apr-03 | | |
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| 2500940.991290 | UBAT1290 | 538.0 | 09/676,401 | 29-Sep-00 | 6556942 | 29-Apr-03 |
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| 2500940.991300 | UBAT1300 | 678.0 | 09/671,636 | 27-Sep-00 | | |
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| 2500940.991210 | UBAT1210 | 842.1 | 09/810,531 | 15-Mar-01 | 6602224 | 17.Eob 04 |
| 200040.031210 | CUATIZIO | U-2.1 | 09/010/231 | 15-Mar-01 | 6692324 | 17-Feb-04 |

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| 2500940.991310 | UBAT1310 | 903.0 | 09/795,660 | 27-Feb-01 | 6649431 | 18-Nov-03 |
| | | | | | | |
| 2500940.991311 | UBAT1310-1 | 903.2 | 10/715,057 | 17-Nov-03 | | |
| 2500940.991170 | UBAT1170 | 923.0 | 10/036,189 | 27-Dec-01 | 6617580 | 9-Sep-03 |
| 2500940.991140 | UBAT1140 | 909.0 | 09/860,841 | 17-May-01 | 6563893 | 13-May-03 |
| 2500940.991141 | UBAT1140-1 | 909.2 | 10/304,338 | 26-Nov-02 | | |
| 2500940.991320 | UBAT1320 | 866.0 | 09/939,303 | 24-Aug-01 | 6744518 | 1-Jun-04 |
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| 2500940,991330 | UBAT1330 | 880.0 | 09/938,843 | 24-Aug-01 | 6744518 | 1~Jun-04 |
| 2500940.991470 | UBAT1470 | 915.0 | 10/226,164 | 22-Aug-02 | 6578054 | 13-Jan-04 |
| 2500940.991110 | UBAT1110 | 912.0 | 10/817,759 | 31-Dec-03 | | |
| | 05/11/11/0 | 312.3 | 10/01/,703 | 31-565-00 | | |
| 2500940.991340 | UBAT1340 | 978.0 | 60/322,929 | 18-Sep-01 | NA NA | NA |
| 252250 | | | | | | , |
| 2500940.991341 | UBAT1340-1 | 978.1 | 09/964,270 | 26-Sep-01 | | issue fee |
| 2500940.991150 | UBAT1150 | 0994.0 | 09/999,187 | 30-Nov-01 | will issue | paid June 18 |
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| 2500940.991350 | UBAT1350 | 1021.0 | 10/068,795 | 6-Feb-02 | | |
| 2500940.991360 | UBAT1360 | | 60/202 700 | 25 May 24 | | |
| 2500340,331300 | UBA 1 1300 | 960.0 | 60/293,780 | 25-May-01 | .,. | |
| 2500940.991361 | UBAT1360-1 | 960.1 | 10/155,841 | 24-May-02 | | |

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| 2500940.991362 | UBAT1360-2 | 960.3 | 10/601 555 | 0.0-4.00 | | |
| 240001002 | GBA 11000-2 | 300.3 | 10/681,565 | 8-Oct-03 | | + |
| | | | | | issue fee | |
| 2500940.991370 | UBAT1370 | 965.0 | 10/234,044 | 3-Sep-02 | paid Jan. 29 | |
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| 2500940.991380 | UBAT1380 | 966.0 | 10/234,043 | 3-Sep-02 | | |
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| 2500940.991390 | UBAT1390 | 967.0 | 10/234,042 | 3-Sep-02 | | <u> </u> |
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| _2500940.991400 | UBAT1400 | 929.0 | 10/349,579 | 23-Jan-03 | | |
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| 2500940.991420 | UBAT1420 | 976.0 | 10/726,446 | 3-Dec-03 | | |
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| 2500940.991430 | LIBATTARO | 077.0 | . 10,550 | | | |
| 2000340.331430 | UBAT1430 | 977.0 | 10/726,475 | 3-Dec-03 | | |
| 2500940.991440 | UBAT1440 | 679.0 | 00/550 700 | | | |
| 2000040.391440 | OBA 11440 | 6/9.0 | 09/653,788 | 1-Sep-00 | | |
| 2500940.991441 | UBAT1440-1 | 679.6 | 10/722 274 | 25 Nov. 00 | | |
| 2000010.001441 | 00/11/40-1 | 018.0 | 10/722,274 | 25-Nov-03 | | |
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| 2500940.991451 | UBAT1450-1 | 656.2 | 09/942,308 | 29-Aug-01 | | |
| 2500045 554 | | | | | | |
| 2500940.991460 | UBAT1460 | 642.0 | 09/660,743 | 13-Sep-00 | 6744806 | 1-Jun-04 |
| 3500040 004450 | UDATA | . | | | | |
| 2500940.991480 | UBAT1480 | 544.0 | 09/406,280 | 24-Sep-99 | 6533733 | 18-Mar-03 |
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| 2000340.331401 | UBAT1480-1 | 544.6 | 10/374,928 | 24-Feb-03 | | |
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| 2500940.991490 | UBAT1490 | 933.0 | 10/421,444 | 23-Apr-03 | 1 | |

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| 2500940.991492 | UBAT1490-2 | 933.2 | 10/607,840 | 27-Jun-03 | | |
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| 2500940,991500 | UBAT1500 | 1199.0 | 10/408,294 | 7-Apr-03 | | |
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| 2500940.991510 | UBAT1510 | 1224.0 | 10/649,251 | 26-Aug-03 | | |
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| 2500940.991520 | UBAT1520 | 1225.0 | 10/649,474 | 20.4 | | |
| | 00/(11020 | 1225.0 | 10/049,474 | 26-Aug-03 | | - |
| 2500940.991530 | UBAT1530 | 1208.0 | 10/716,770 | 19-Nov-03 | | |
| | | 1200.0 | 1071 10,170 | 13-1404-03 | | |
| 2500940.991540 | UBAT1540 | 1244.0 | 10/770,857 | 3-Feb-04 | | |
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| 2500940.991570 | UBAT1570 | 1356.0 | 10/840,553 | 6-May-04 | | |
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Date: 66-25-64

Respectfully submitted,

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